

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Peter Wernet	Art Unit:	Not yet assigned
Serial No.:	Not yet assigned	Examiner:	Not yet assigned
Filed:	January 15, 2004	Customer No.:	21559
Title:	HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)		

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Prior to examination of the above-captioned application, kindly amend the application as follows.

In the Specification:

Kindly amend the specification on page 23 as follows:

name	5'primer sequence	3'primer sequence	bp
PDGFR alpha	<u>acagtggagattacgaatgtg</u> (SEQ ID NO: 1)	<u>cacarcagtggatctcag</u> (SEQ ID NO: 2)	251
IGFR	<u>cgagtggagaaatctgcgg</u> (SEQ ID NO: 3)	<u>gaccagggcgtagttgtag</u> (SEQ ID NO: 4)	272
EGFR	<u>tgccacaaccagtgtgct</u> (SEQ ID NO: 5)	<u>ccacataattacggggacac</u> (SEQ ID NO: 6)	205
Neurofilament	<u>attcgcgcgagcttgaag</u> (SEQ ID NO: 7)	<u>cctggtaggaggcaatgtc</u> (SEQ ID NO: 8)	265
GFAP	<u>ctctccctggctcgaatgc</u> (SEQ ID NO: 9)	<u>cctcctgataactggccg</u> (SEQ ID NO: 10)	871
Synaptophysin	<u>cctgcagaacaagtaccgag</u> (SEQ ID NO: 11)	<u>ccttgctgcccatagtcgc</u> (SEQ ID NO: 12)	516
Tyrosine hydroxylase	<u>caccttcgcgagttctcg</u> (SEQ ID NO: 13)	<u>ctgtccagcacgtcgatgg</u> (SEQ ID NO: 14)	387
YB1	<u>ggtgaggaggcagcaaagt</u> (SEQ ID NO: 15)	<u>aggggtggaatactgtggtc</u> (SEQ ID NO: 16)	279
Runx1	<u>gcaagctgaggagcgggcg</u> (SEQ ID NO: 17)	<u>gaccgacaaacctgaagtc</u> (SEQ ID NO: 18)	296
AML1c	<u>cagtgcctcatgagagaatgc</u> (SEQ ID NO: 19)	<u>gaccgacaaacctgaagtc</u> (SEQ ID NO: 20)	453
Cart-1	<u>ggagacgctggacaatgag</u> (SEQ ID NO: 21)	<u>ggtagctgtcagtccttggc</u> (SEQ ID NO: 22)	560
CD105	<u>cctgccactggacacagg</u> (SEQ ID NO: 23)	<u>atggcagctctgtggtgttg</u> (SEQ ID NO: 24)	411
Collagen Typ I	<u>ggacacaatggattgcaagg</u> (SEQ ID NO: 25)	<u>aaccactgctccactctgg</u> (SEQ ID NO: 26)	441
Collagen Typ II	<u>tttcccaggtcaagatggtc</u> (SEQ ID NO: 27)	<u>cttcagcacctgtctcacca</u> (SEQ ID NO: 28)	377
Osteocalcin	<u>agtccagcaaaggtgcagc</u> (SEQ ID NO: 29)	<u>ggccgtagaagcgccgat</u> (SEQ ID NO: 30)	231
alkaline phosphatase	<u>gcttcagaagctcaacacca</u> (SEQ ID NO: 31)	<u>cgttgtctgagtaccagtcc</u> (SEQ ID NO: 32)	454
beta actin	<u>gagaaaaatcttcaccacac</u> (SEQ ID NO: 33)	<u>ctcgggtgaggatcttcac</u> (SEQ ID NO: 34)	340